

Building a Centrosome

Wiston House • West Sussex • 10 – 13 March 2013

Programme

Sunday 10 March 2013

18:00 – 19:30	Pre-dinner drinks
19:30 – 21:00	Dinner
21:00 – 21.10	Introductions Claire Moulton Who are The Company of Biologists? Fanni Gergely and David Glover “Building a Centrosome” Workshop
21:00 – 22:00	Introduction slide presentations
22:00 – 23:30	Bar open

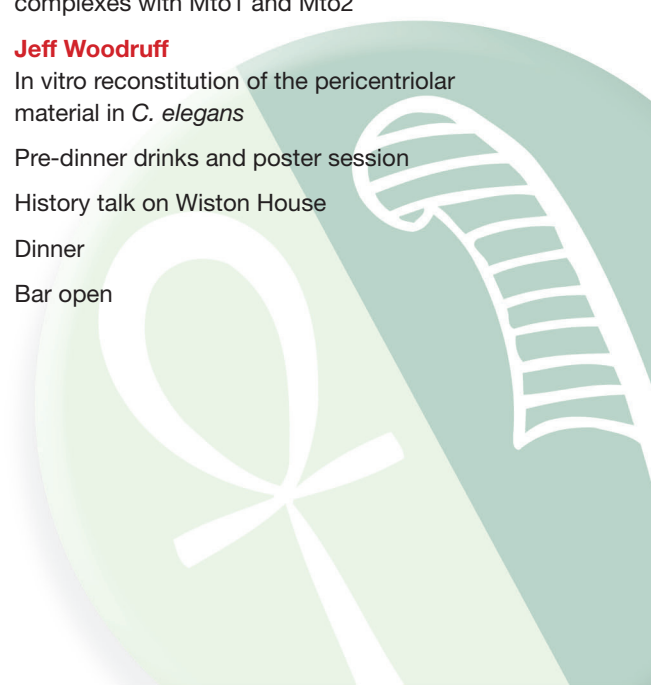
Programme

Monday 11 March 2013

08:00 – 09:00	Breakfast
	Centriole biogenesis Chair – Tim Stearns
09:00 – 09:40	Erich Nigg Studying centriole biogenesis by proteomics and super-resolution microscopy
09:40 – 10:20	Mónica Bettencourt-Dias Centrosome and cilia biogenesis and evolution
10:20 – 11:00	Pierre Gönczy Mechanisms of centriole assembly: beyond SAS-6 proteins
11:00 – 11:40	Group photo Tea break
11:40 – 12:20	Karen Oegema Direct binding of SAS-6 to ZYG-1, and not its phosphorylation by ZYG-1, recruits SAS-6 to the mother centriole for cartwheel assembly

All meals will be served in **The Great Hall**

- 12:20 – 13:00 **Ingrid Hoffman**
Centrosome duplication in normal and malignant cells
- 13:00 – 14:00 Lunch
- Centrosome assembly**
Chair – Susan Dutcher
- 14:00 – 14:40 **Mark Winey**
Asymmetry at MTOCs –
The function of Sfi1-related proteins and centrin
- 14:40 – 15:20 **Tim Stearns**
Mapping interactions within the centrosome:
BioID and proximity labeling
- 15:00 – 15:40 **Jordan Raff**
Centrosome maturation in flies
- 15:40 – 16:20 Tea break
- 16:20 – 17:00 **Ken Sawin**
Building microtubule nucleation
complexes with Mto1 and Mto2
- 17:00 – 17:40 **Jeff Woodruff**
In vitro reconstitution of the pericentriolar
material in *C. elegans*
- 18:00 – 19:00 Pre-dinner drinks and poster session
- 19:00 – 19:30 History talk on Wiston House
- 19:30 – 21:00 Dinner
- 21:00 – 23:30 Bar open



08:00 – 09:00

Breakfast

Centrosomes and mitosis

Chair – **Cayetano Gonzalez**

09:00 – 09:40

Iain Hagan

Centrosomal PP1 sets the pace for mitotic commitment by regulating polo activation at the fission yeast SPB

09:40 – 10:20

Elmar Schiebel

Epidermal growth factor regulates centrosome separation via the Nek2–Mst2 pathway

10:20 – 11:00

Fanni Gergely

Centrosomes: better off with than without?

11:00 – 11:30

Tea break

11:30 – 12:10

Alexey Khodjakov

Cooperation in mitotic spindle assembly

12:10 – 12:50

David Glover

PLK4, a protein kinase needed not just for centriole formation

12:50 – 13:45

Lunch

13:45 – 15:15

Walk

15:15 – 15:45

Tea break

15:45 – 16:25

Stephen Doxsey

New centrosome liaisons

Centrosomes in the nervous system

Chair – **Michel Bornens**

16:25 – 17:05

Cayetano Gonzalez

Asymmetric centrosome maturation in *Drosophila* neuroblasts

17:05 – 17:45

Alexandre Baffet

Cell cycle control of interkinetic nuclear migration in the developing neocortex

17:45 – 18:25

Renata Basto

Different ways of dealing with extra centrosomes

18:30 – 19:30

Pre-dinner drinks

19:30 – 21:30

Dinner

21:30 – 00:00

Bar open

All meals will be served in **The Great Hall**

07:30 – 08:30

Breakfast

Beyond mitosis: centrosomes and microtubules

Chair – Pierre Gönczy

08:30 – 09:10

David Pellman

Centrosome amplification and invasion

09:10 – 09:50

Susan Dutcher

Preparing a centriole for building a cilium

09:50 – 10:20

Tea break

10:20 – 11:00

Michel Bornens

The centrosome – cortex connection

11:00 – 11:40

Gillian Griffiths

An important function of the centrosome in lymphocyte killing

11:40 – 12:00

Fanni Gergely and David Glover

Overview of meeting

12:00 – 13:00

Lunch

Depart

